

AUGUST 1985

SUMMARY OF PLANT OPERATIONS

The plant has been in cold shutdown for plant modification for the entire month of August.

PERSONNEL CHANGES REQUIRING REPORT

Mr. Pierre Oubré, Manager of Nuclear Operations, was reassigned within the District's organization. George A. Coward, Plant Superintendent, assumed the responsibilities of this position on an interim basis effective August 30, 1985. The District has initiated efforts to select a permanent replacement for the position.

SUMMARY OF CHANGES IN ACCORDANCE WITH 10 CFR 50.59(b)

None

MAJOR ITEMS OF SAFETY RELATED MAINTENANCE

1. An investigation was performed to determine why the raw water pump breaker (4B06) did not close properly during the EM 177B electrical maintenance test. The investigation revealed that the snap ring on the pin on which the trip latch bar rests was missing. The snap ring was replaced and the breaker was operated twenty (20) times without any failures. All of the other 4160 KV breakers were inspected and the snap rings were found to be intact.
2. Boric acid pump P-705B was disassembled to inspect and repair bearing problems. The inner and outer bearings, shaft sleeve, mechanical seal, and impeller gasket were replaced. Proper assembly of pump was verified per M29.03-48.
3. The carbon adsorber trays of the reactor building purge exhaust air filter (A-536) were replaced with trays containing new adsorbent material in accordance with procedure M.105. The replacement was required because the methyl iodide removal efficiency was decreased as a result of painting and welding activities in the reactor building during the refueling outage.
4. The reactor building "A" spray additive isolation valve (SFV-29015) was disassembled to repair a body-to-bonnet leak. The body-to-bonnet gasket was replaced, studs torqued to 130 ft - lb per manufacturer's drawings, and opening and closing times of valve checked.

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PDR ADDCK 05000312
R PDR

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REFUELING INFORMATION REQUEST

1. Name of Facility Rancho Seco Unit 1
2. Scheduled date for next refueling shutdown: Sept 15, 1986
3. Scheduled date for restart following refueling: Jan 15, 1987
4. Technical Specification change or other license amendment required:
 - a) Change to Rod Index vs Power Level Curve (TS 3.5.2)
 - b) Change to Core Imbalance vs Power Level Curve (TS 3.5.2)
 - c) Tilt Limits (TS 3.5.2)
5. Scheduled date(s) for submitting proposed licensing action: April 9, 1986
6. Important licensing considerations associated with refueling: N/A
7. Number of fuel assemblies:
 - a) In the core: 177
 - b) In the Spent Fuel Pool: 316
8. Present licensed spent fuel capacity: 1080
9. Projected date of the last refueling that can be discharged to the Spent Fuel Pool: December 3, 2001

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-312

UNIT Rancho Seco Unit 1

DATE 08-31-85

COMPLETED BY R. Colombo

TELEPHONE (916) 452-3211

MONTH August 1985

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-312

DATE 08/31/85

COMPLETED BY R. Colombo

TELEPHONE (916) 452-3211

OPERATING STATUS

NOTE:

1. Unit Name: Rancho Seco Unit 1
2. Reporting Period: August 1985
3. Licensed Thermal Power (Mwt): 2,772
4. Nameplate Rating (Gross MWe): 963
5. Design Electrical Rating (Net MWe): 918
6. Maximum Dependable Capacity (Gross MWe): 917
7. Maximum Dependable Capacity (Net MWe): 873
8. If changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A
9. Power Level to Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744	5,831	90,936
12. Number of Hours Reactor Was Critical	0	1,718.5	53,165.9
13. Reactor Reserve Shutdown Hours	0	110.5	10,300.4
14. Hours Generator On-Line	0	1,618.2	49,281.7
15. Unit Reserve Shutdown Hours	0	0	1,210.2
16. Gross Thermal Energy Generated (MWH)	0	4,066,973	125,677,241
17. Gross Electrical Energy Generated (MWH)	0	1,366,847	40,798,810
18. Net Electrical Energy Generated (MWH)	0	1,289,988	37,881,184
19. Unit Service Factor	0.0%	27.8%	54.2%
20. Unit Availability Factor	0.0%	27.8%	55.5%
21. Unit Capacity Factor (Using MDC Net)	0.0%	25.3%	47.7%
22. Unit Capacity Factor (Using DER Net)	0.0%	24.1%	45.4%
23. Unit Forced Outage Rate	0.0%	8.8%	29.4%
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	N/A		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 24, 1985

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST 1985

DOCKET NO. 50-312
 UNIT NAME Rancho Seco Unit 1
 DATE 8/31/85
 COMPLETED BY R. Colombo
 TELEPHONE (916) 452-3211

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
5	8/31/85	S	744	C	1	N/A	ZZ	ZZZZZZ	Refueling Outage

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source



SMUD

SACRAMENTO MUNICIPAL UTILITY DISTRICT ☐ 6201 S Street, P.O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

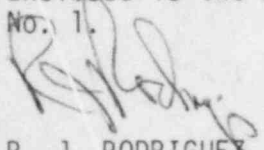
RJR 85-464

September 23, 1985

DIRECTOR
OFFICE OF INSPECTION AND ENFORCEMENT
U S NUCLEAR REGULATORY COMMISSION
WASHINGTON DC 20555

OPERATING PLANT STATUS REPORT
DOCKET NO. 50-312

Enclosed is the August 1985 Monthly Plant Status Report for Rancho Seco Unit
No. 1.


R. J. RODRIGUEZ
ASSISTANT GENERAL MANAGER,
NUCLEAR

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cc: I & E Washington (9)
Region V
MIPC (2)
INPO

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